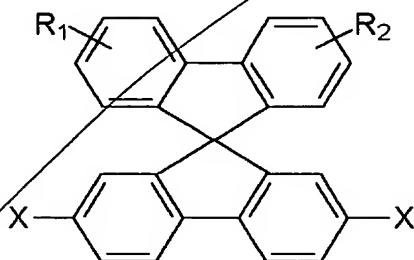


What is claimed is:

1. A compound defined by the following formula:

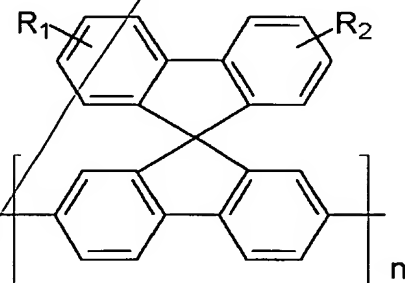


wherein R<sub>1</sub> and R<sub>2</sub> are identical or different and are independently a straight-chain or branched alkyl group having from 1 to 22 carbon atoms or an aryl group substituted by C<sub>1</sub>-C<sub>22</sub> alkyl, and at least one of the R<sub>1</sub> and R<sub>2</sub> contains one or more atoms selected from the group consisting of O, N, S, Si and Ge, and X is halogen, boric acid or boric ester.

2. The compound of claim 1, wherein at least one of the R<sub>1</sub> and R<sub>2</sub> is a polar group containing an ether bond.

3. The compound of claim 2, wherein at least one of the R<sub>1</sub> and R<sub>2</sub> contains 2 to 5 oxygen atoms forming an ether bond on every two carbons.

4. An electroluminescence (EL) polymer comprising repeating units of the following formula:



wherein R<sub>1</sub> and R<sub>2</sub> are identical or different and are independently a straight-chain or branched alkyl group having from 1 to 22 carbon atoms or an aryl group substituted

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by C<sub>1</sub>-C<sub>22</sub> alkyl, and at least one of the R<sub>1</sub> and R<sub>2</sub> contains one or more atoms selected from the group consisting of O, N, S, Si and Ge.

5 5. The EL polymer of claim 4, wherein at least one of the R<sub>1</sub> and R<sub>2</sub> is a polar group containing an ether bond.

6. The EL polymer of claim 5, wherein at least one of the R<sub>1</sub> and R<sub>2</sub> contains 2 to 5 oxygen atoms forming an ether bond on every two carbons.

10 7. The EL polymer of claim 4, wherein the R<sub>1</sub> and R<sub>2</sub> are at positions 3' and 6', respectively.

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15 8. The EL polymer of claim 4, wherein the R<sub>1</sub> and R<sub>2</sub> are at positions 1' and 6', respectively.

9. The EL polymer of claim 4, wherein at least one of the R<sub>1</sub> and R<sub>2</sub> is 3,6-dioxaheptyloxy or 3,6,9-trioxadecyloxy.

20 10. An electroluminescence element comprising:  
a cathode;  
an anode; and  
a light-emitting layer interposed between the cathode and the anode and containing the EL polymer as claimed in one of claims 4 through 9.